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PATENT
Attorney Docket 051530-5006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: *Vernon Alvarez et al.*

Application No. 10/516,079

International Filing Date: June 2, 2003

Date of Entry into U.S. National Stage: November 29, 2004

Examiner: Not Assigned

Art Unit: 1645

For: Combination Chemotherapy With Chlorotoxin

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449 forms. This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due with the filing of this paper.

With the exception of documents aa through aj, copies of the listed documents are attached. The present application is a U.S. National Phase Application of International Patent Application PCT/US03/17410 (filed June 2, 2003). Documents aa, ag and ai were cited in the International Search Report which issued in International Patent Application PCT/US03/17410.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute prior art. If the Examiner applies any one of the documents as prior art against any claim in the application, and Applicants determine that the cited document does not constitute prior art under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

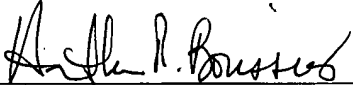
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. 1.18, the Commissioner is hereby authorized by

this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a constructive petition for extension of time in accordance with 37 C.F.R. 1.136(a)(3).

Dated: November 2, 2005
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449				Attorney Docket 051530-5006		Application No. 10/516,079	
				Applicants: Vernon L. ALVAREZ et. al.		Page 1 of 2	
				Date of Entry into U.S. National Stage: November 29, 2004		Group Art Unit: 1645	

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
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	ab	5,756,340	05/26/1998	Hammock et al.			
	ac	5,750,376	05/12/1998	Weiss et al.			
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	ae	5,212,290	05/18/1993	Vogelstein et al.			
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	ai	6,319,891	11/20/2001	Sontheimer et al.			
	aj	US 2002/0065216	05/30/2002	Sontheimer et al.			

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		Document No.	Date	Country	Class	Sub-Class	Translation
	ak	WO 97/24619	07/10/1997	PCT			

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	al	Baker (1991) Effects of an epithelial Cl ⁻ channel blocker on whole cell voltage clamp and patch clamp recordings from a human astrocytoma in culture, J. Physiol. 438:128-129
	am	Brismar et al. (1989) Inward rectifying potassium channels in human malignant glioma cells, Brain Res. 480:249-258
	an	Brismar et al. (1989) Potassium and sodium channels in human malignant glioma cells, Brain Res. 480:259-267
	ao	Chiu et al. (1989) The role of potassium channels in Schwann cell proliferation in Wallerian degeneration of explant rabbit sciatic nerves, J. Physiol. 408:199-222
	ap	Deane et al. (1992) An alternative pathway of B cell activation: stilbene disulfonates interact with a Cl ⁻ binding motif on AEn-related proteins to stimulate motogenesis, Eur. J. Immunol. 22:1165-1171
	aq	DeBin et al. (1991) Chloride channel inhibition by the venom of the scorpion <i>Leiurus quinquestriatus</i> , Toxicon. 29:1403-1408
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	at	Goldstein et al. (1986) The Blood Brain Barrier, Sci. Am. 255:74-83
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	av	Grissmer et al. (1993) Calcium-activated potassium channels in resting and activated human T lymphocytes, J. Gen. Phys. 102:601-630
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Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449		Attorney Docket 051530-5006	Application No. 10/516,079
		Applicants: Vernon L. ALVAREZ et. al.	Page 2 of 2
		Date of Entry into U.S. National Stage: November 29, 2004	Group Art Unit: 1645
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
	ax	Huang <i>et al.</i> (1994) Potassium channel induction by the Ras/Raf signal transduction cascade, J. Biol. Chem. 269:31183-31189	
	ay	Jalonen (1993) Single-channel characteristics of the large-conductance anion channel in rat cortical astrocytes in primary culture, Glia 9:227-237	
	az	Kunwar <i>et al.</i> (1993) Cytotoxicity and antitumor effects of growth factor-toxin fusion proteins on human glioblastoma multiforme cells, J. Neurosurg. 79:569-576	
	ba	Nilius <i>et al.</i> (1992) Potassium channels and regulation of proliferation of human melanoma cells, J. Physiol. 445:537-548	
	bb	Pappas <i>et al.</i> (1994) Reduction of glial proliferation by K ⁺ channel blockers is mediated by changes in pH _i , NeuroReport 6:193-196	
	bc	Pappone <i>et al.</i> (1993) Blockers of voltage-gated K channels inhibit proliferation of cultured brown fat cells, Am. J. Physiol. 264:C1014-1019	
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	be	Puro <i>et al.</i> (1989) Retinal glial cell proliferation and ion channels: A possible link, Invest. Ophthalmol. Vis. Sci. 30:521-529	
	bf	Sakamoto <i>et al.</i> (1996) Identification of a new outwardly rectifying Cl ⁻ channel that belongs to a subfamily of the CIC Cl ⁻ channels, J. Biol. Chem. 271:10210-10216	
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	bh	Sontheimer (1994) Voltage-dependent ion channels in glial cells, Glia 11:156-172	
	bi	Soroceanu <i>et al.</i> (1998) Use of chlorotoxin for targeting of primary brain tumors, Cancer Res. 58:4871-4879.	
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	bm	Ullrich <i>et al.</i> (1996) Human astrocytoma cells express a unique chloride current, NeuroReport 7:1020-1024	
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	bp	Wilson <i>et al.</i> (1993) Mitogenic factors regulate ion channels in Schwann cells cultured from newborn rat sciatic nerve, J. Physiol. 470:501-520	
	bq	Woodfork <i>et al.</i> (1995) Inhibition of ATP-sensitive potassium channels causes reversible cell-cycle arrest of human breast cancer cells in tissue culture, J. Cell. Physiol. 162:163-171	
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